



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant  
Serial No.:  
Filed:  
Title:

Teruo Umemoto  
09/939,345  
August 24, 2001  
POLYMER MATERIALS FOR USE IN AN ELECTRODE

Examiner:  
Group Art Unit: 1745  
Docket: 40222.0004US01

CERTIFICATE UNDER 37 CFR 1.10

'Express Mail' mailing label number: EV 036449414 US

Date of Deposit: December 12, 2001

I hereby certify that this paper or fee is being deposited with the United States Postal Service 'Express Mail Post Office To Addressee' service under 37 CFR 1.10 on the date indicated above and is addressed to the Commissioner of Patents and Trademarks, Washington, D.C. 20231.

By:   
Paula Egolf

Commissioner for Patents  
Washington, D.C. 20231

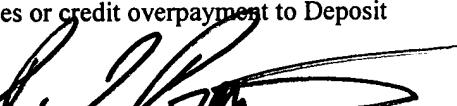
Sir:

We are transmitting herewith the attached:

- Transmittal Sheet in duplicate containing Certificate of Mailing
- Information Disclosure Statement, Form 1449, 9 References
- Return postcard

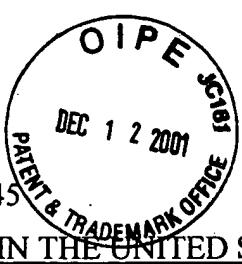
Please consider this a PETITION FOR EXTENSION OF TIME for a sufficient number of months to enter these papers or any future reply, if appropriate. Please charge any additional fees or credit overpayment to Deposit Account No. 13-2725. A duplicate of this sheet is enclosed.

MERCHANT & GOULD P.C.  
P.O. Box 2903, Minneapolis, MN 55402-0903  
(303) 357-1645

By:   
Name: Paul J. Prendergast  
Reg. No.: 46,068  
PJPrendergast



S/N 09/939,345



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Teruo Umemoto      Examiner: \_\_\_\_\_  
Serial No.: 09/939,345      Group Art Unit: 1745 #2  
1-6-0)  
Filed: August 24, 2001      Docket No.: 40222.0004US01  
Title: POLYMER MATERIALS FOR USE IN AN ELECTRODE

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By: *Paula G. Egolf*

INFORMATION DISCLOSURE STATEMENT (37 C.F.R. § 1.97(b))

Commissioner for Patents  
Washington, D.C. 20231

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DEC 26 2001

Dear Sir:

With regard to the above-identified application, the items of information listed on the enclosed Form 1449 are brought to the attention of the Examiner.

This statement should be considered because it is submitted before the mailing date of a first Office Action on-the-merits. Accordingly, no fee is due for consideration of the items listed on the enclosed Form 1449.

In accordance with 37 C.F.R. §1.98(a)(2), a copy of each document or other information listed on the enclosed Form 1449 is provided.

No representation is made that a reference is "prior art" within the meaning of 35 U.S.C. §§ 102 and 103 and Applicants reserve the right, pursuant to 37 C.F.R. § 1.131 or otherwise, to establish that the reference(s) are not "prior art." Moreover, Applicants do not represent that a reference has been thoroughly reviewed or that any relevance of any portion of a reference is intended.

Consideration of the items listed is respectfully requested. Pursuant to the provisions of M.P.E.P. 609, it is requested that the Examiner return a copy of the attached Form 1449, marked

as being considered and initialed by the Examiner, to the undersigned with the next official communication.

Please charge any additional fees or credit any overpayment to Deposit Account No. 13-2725.

Dated: December 12, 2001

Respectfully submitted,



Paul J. Prendergast, Reg. No. 46,068  
Merchant & Gould P.C.  
P.O. Box 2903  
Minneapolis, MN 55402-0903  
(303) 357-1645



<b>FORM 1449*</b> <b>O I P INFORMATION DISCLOSURE STATEMENT</b> <b>IN AN APPLICATION</b> <b>DEC. 12 2001</b> <small>(Use several sheets if necessary)</small>			Docket Number: 40222.0004US01	Application Number: 09/939,345
			Applicant: Teruo Umemoto	Filing Date: August 24, 2001

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5,902,907	05/11/99	Takahashi et al.	568	321	
	5,942,641	08/24/99	Tanaka et al.	560	139	

**RECEIVED**  
**DEC 26 2001**

**TC 1700**

	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
						YES      NO
	SHO 61-271323	12/01/86	Japan			X

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	1999	/	<i>A Precursor Route to 2,7-Poly (9-fluorenone), Macromolecules 32, 4519-4524, Uckert et al.</i>			
	March 1985	/	<i>The Electrochemical Oxidation and Polymerization of Polycyclic Hydrocarbons, Electrochemical Science and Technology, 631-634, Waltman et al.</i>			
	September 23, 1985	/	<i>The Polyfluorenes: A Family of Versatile Electroactive Polymers; Electropolymerization of Fluorenes; New Journal of Chemistry, Vol. 10, Rault-Berthelot et al.</i>			
	2000	/	<i>2,7-Poly (9-fluorenone); A Trap-Free Electron-Injection Material with a High Charge Carrier Mobility for Use in Light-Emitting Diodes, Advances Materials, 2000, 12, No. 12, Uckert et al.</i>			
	May 1986	/	<i>Redox Polymer Films From Cathodic Coupling of 4,4'-Dibromobenzophenone and 2,7-Dibromofluorenone, J. Electroanal. Chem., 215 (1986) 377-383, Zecchin et al.</i>			
	September 20, 1984	/	<i>Anodic and Cathodic Deposition of Electroactive Polyfluorene Films J. Electroanal. Chem.. 186 (1985) 191-199, Schiavon et al.</i>			



EXAMINER	DATE CONSIDERED
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.	